RADIODETECTION®

RD8200® SG

Locate and map buried utilities in a single operation



MAP IT™
YOUR WAY

Available on iOS® and Android™

SPX TECHNOLOGIES



Mapping buried utilities

Mapping buried utilities has been a longstanding practice in the industry. Access to reliable maps plays a crucial role in safety & risk mitigation, preventative maintenance and emergency repairs.

There are numerous challenges associated with mapping buried utilities:

- Carrying out the job often requires specialized, costly equipment.
- Mapping utilities needs to be done by a highly skilled team carrying out extensive fieldwork.
- Systems are not set up to seamlessly transfer locate data onto a map and create comprehensive, detailed reports.

As a result, buried utilities frequently lack documentation, leaving their exact location uncertain.

In an increasingly digital world, demand for high quality, reliable, digital maps of buried utilities is quickly becoming the norm.



Reliable maps play a crucial role in enhancing operational efficiency, preventive maintenance, and emergency repairs of utilities

Locate and map buried utilities in a single operation



Key features

- Available on iOS® and Android™
- Built-in high accuracy GNSS
- Lithium-ion battery and charger included as standard
- 22 frequencies, plus 5 custom frequencies.
- Compatible with Tx5, Tx10 and Tx10B Transmitters
- Remotely change the frequency on Tx10B with iLOC®
- 3 year warranty on registration

Map while you locate

- Combine buried utility locating with accurate mapping in a single operation
- Survey grade accuracy
- View and build your map on your mobile phone

Flexibility to work with the system that works for your business

- Industry standard file formats to use with your mapping software
- Choose your preferred mobile app and correction service provider
- Directly export the data from the locator

Mapping experts. Integrate utility locating into your mapping procedures.

- Walk the line once
- Simultaneously map and locate utilities, without compromising on quality
- Locate as accurately as possible, map as accurately as possible

Locate experts. Integrate mapping into your utility locate procedures.

- Build a comprehensive inventory of large, buried infrastructure networks
- Minimal additional training for utility operators
- No separate resources required for utility mapping

Make the RD8200SG work for you

- View and build your map as you go along using a mobile app
- Flexible solution, can work with any correction service provider and mapping solution
- Works where cellular data and correction service are available

Designed for continuous use in the field

- Integrated GNSS antenna, fewer parts and components
- Automatic antenna offset avoids tilting back
- Bubble for optimum precision

Ergonomic design, premium quality

- Lightweight and ergonomic
- Rugged design to cope with real world conditions such as rain, dirt and extreme temperatures
- Designed and built in the United Kingdom

Survey grade accuracy

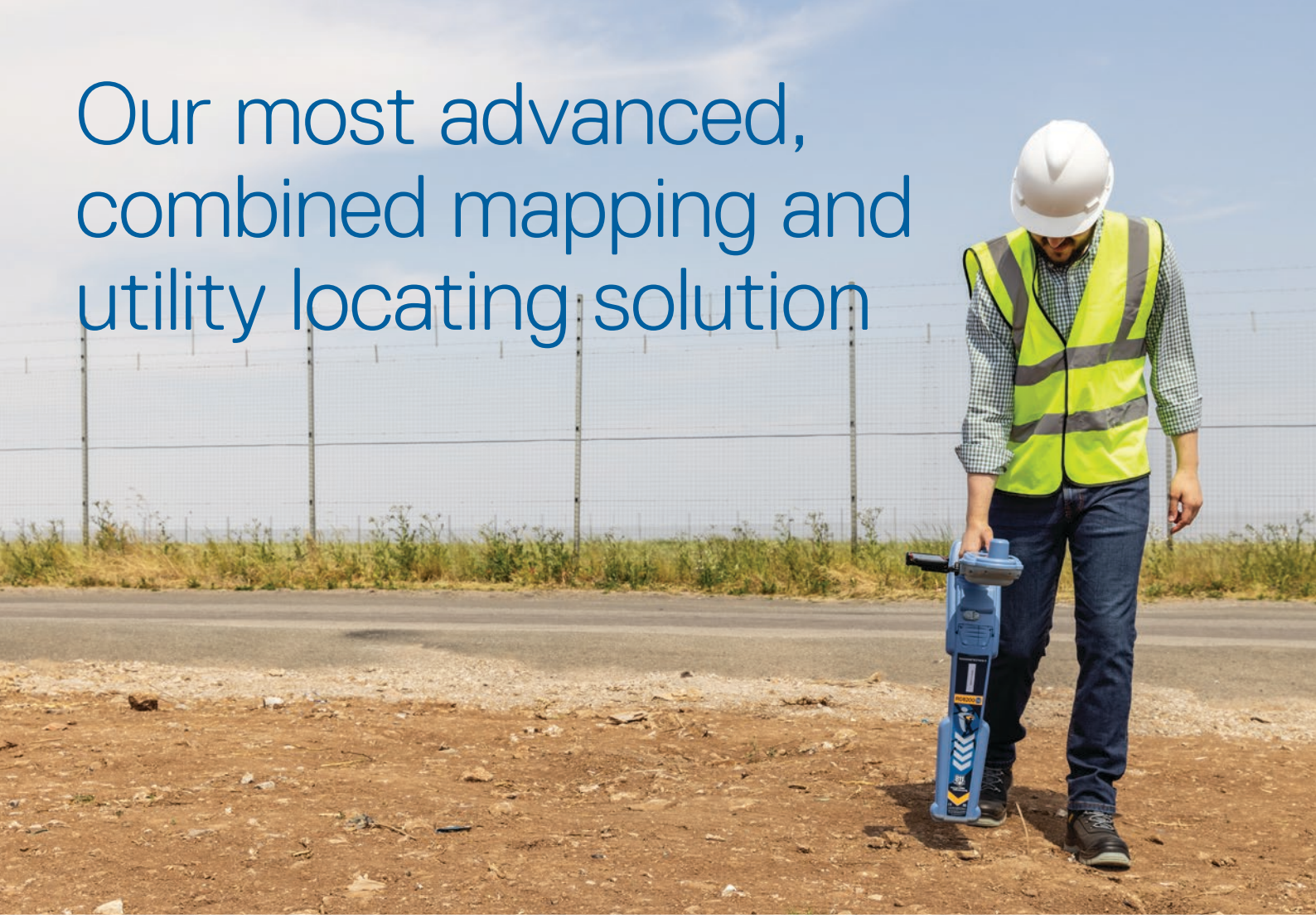
Minimal additional training

High quality, reliable, digital maps





Our most advanced, combined mapping and utility locating solution



	RD7200	RD8200	RD8200G	RD8200SG
Advanced Precision locating	✓	✓	✓	✓
High-accuracy mapping	✗	✗	✗	✓
GNSS positional location	✗	✗	✓	✓
Location accuracy	✗	✗	Standard Accuracy 2-3m/7-10ft*	Survey Grade Accuracy 1-2cm/sub-inch*
Lithium-ion battery	Optional	Optional	Optional	Standard
Usage Logging Understand how, where and when the equipment was used	✗	✗	✓	✓
Survey Measurements GNSS Capture point of interest via button press	✗	✓	✓	✓
Locate Frequencies	7	22	22	22
Sonde Frequencies	4	4	4	4
Passive Modes	3	5	5	5
On Board GPS	✗	✗	GNSS	GNSS RTK
iOS	✗	✗	✗	✓
Android	✗	✓	✓	✓

*Subject to RTK correction service provider and local conditions.

MAP IT
YOUR WAY

Flexibility is at the heart of our mapping solutions, allowing customers to choose the solution that is most suitable for their business. We offer turnkey solutions for those new to the world of utility mapping, while utility mapping experts can connect into their advanced systems.





RADIODETECTION®

SPX TECHNOLOGIES

Our Mission

Provide best in class equipment and solutions, to prevent damage to critical infrastructure, manage assets and protect lives.

Our Vision

To be the world's leader in the management of critical infrastructure and utilities.

Our Locations



USA

Raymond, ME
Kearneysville, WV

Canada

Mississauga, ON

Europe

United Kingdom **HQ**
France
Germany
The Netherlands

Asia Pacific

India
China
Hong Kong
Australia

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Cable Locators & Survey